

SPC

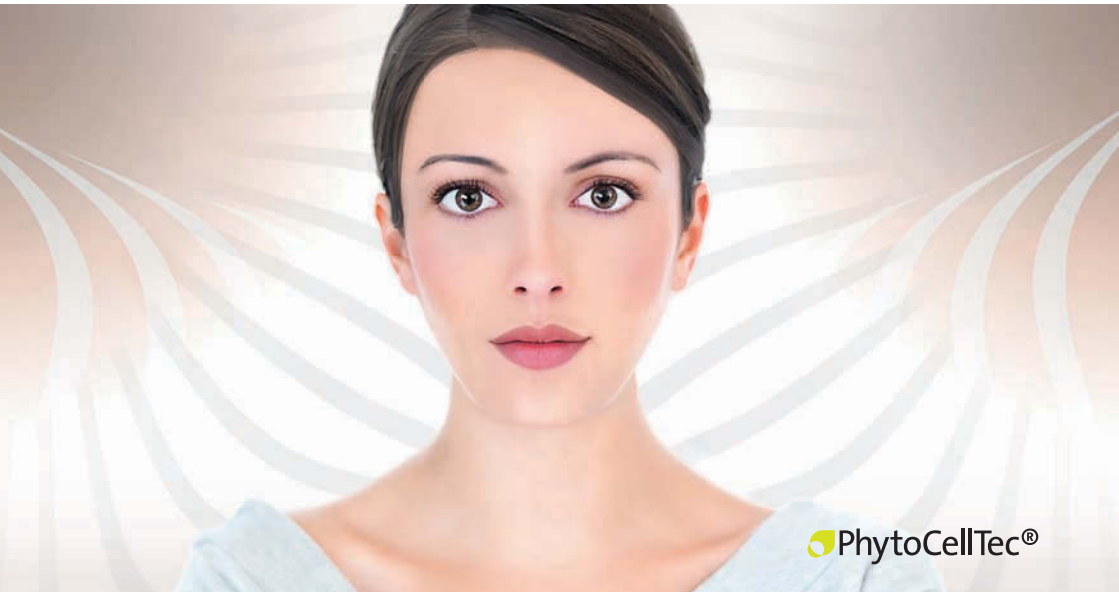
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& COSMETICS

**PRODUCT
INNOVATION
2016**

www.cosmeticsbusiness.com



biochemistry



PhytoCellTec™ Argan

Redensifies skin by stem cell activation

- Vitalizes dermal and hypodermal stem cells
- Increases skin firmness and density
- Fills deep wrinkles from within

SPC



Julia Wray
Editor
SPC



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INNOVATION: KEEPING YOU AHEAD OF THE COMPETITION

This year, the in-cosmetics trade event returns to its spiritual home of Paris – a city synonymous with beauty, fashion and art, and whose name remains a by-word for quality in cosmetics.

However, in this competitive and exacting industry, brands need to ensure they're at the cutting edge of product innovation. A good place to start is with the very latest cosmetic ingredients. So, to coincide with 2016's in-cosmetics, **SPC** is proud to present its fifth Product Innovation Supplement. Here, you will find information on some of the most novel cosmetic raw materials due to be launched during in-cosmetics 2016, new data on and applications for established ingredients, and much, much more.

SPC's latest guide is both an invaluable show companion for in-cosmetics attendees, as well as a definitive catalogue of innovation for the year to come.

Julia Wray



Are you up-to-date with new regulations?

Understanding regulation and the necessary measures for compliance makes a business more efficient in both time and money.

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REGULATORY
SUMMIT



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The global platform for regulatory compliance

The annual Regulatory Summit brings together leading figures in cosmetics regulation to present the recent developments and emerging issues for legislation compliance:

- ✓ Cosmetics packaging – safety assessment
- ✓ Compliance within the cosmetic supply chain
- ✓ Ingredient regulation updates
- ✓ New ISO standard for sunscreen
- ✓ Changes in legislation for waxes
- ✓ ISO 16128 and natural & organics
- ✓ Recent regulatory developments affecting cosmetics in Europe
- ✓ Overview of cosmetics regulations in:
USA, Brazil, West Africa,
Middle East

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WWW.REGULATORYSUMMIT.COM

WHAT?

Essential information to further your business

WHEN?

24-25 May 2016

WHERE?

Crowne Plaza, Brussels

WHY ATTEND?

- Ensure your practices are up-to-date and in line with regulation to avoid complications
- Identify opportunities and how to take the next step to implement them
- Understand how to expand your business and break into regional markets
- Discuss the problems and queries you and your company have with global regulation

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BICOWHITE COMPLEX

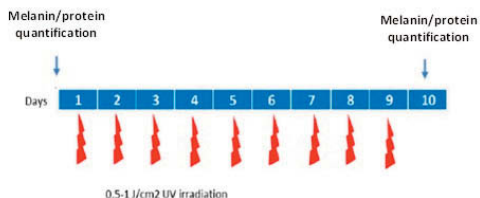
BICOWHITE COMPLEX is a brightening / whitening multistep delivery system based on Bicosome® Technology that works blocking the different processes involved in the hyperpigmentation of the skin.

Bicosome® is a double encapsulation system formed by intelligent structures able to penetrate and to be retained in specific skin layers. This allows for a multi-step delivery of various active ingredients in appropriate levels of the skin, which provides real benefit in complex skin disorders, where several processes are occurring in different skin levels at the same time.

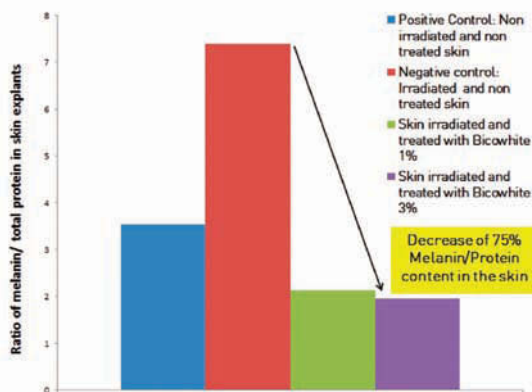
The Bicosomes from **BICOWHITE COMPLEX** incorporate Azeloglicine, Niacinamide, Alfa-Bisabolol, Vitamin C and Phytic Acid. Each of these actives is driven by Bicosomes to its specific site of action in the skin, in order to block the melanin production and transfer, inflammation, ROS production and to stimulate cell renewal. **BICOWHITE COMPLEX** offers a highly integrated and complete approach to eliminate dark spots.

BICOWHITE DECREASED 75% OF MELANIN CONTENT AFTER 10 DAYS OF TREATMENT

Skin samples treated with Bicowhite were irradiated with UV light during nine days. The content of melanin / protein was measured in Day 0 and Day 10.



RESULTS AFTER 10 DAYS OF TREATMENT



bicosome®



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GLYCOIN® NATURAL – STIMULATION OF SLUGGISH CELL FUNCTIONS

Glycoin® natural (INCI: Glyceryl Glucoside) is a multifunctional anti-aging and cell boosting active ingredient.

Glycoin® natural focuses especially on aged or stressed skin cells with sluggish cell functions and metabolism as well as mature, sagging skin with loss of elasticity.

Glycoin® natural is found in blue-green algae and is the protection and re-activation substance of the desert resurrection plant “*Myrothamnus flabellifolia*”. This plant has the unique ability to survive very long periods of total



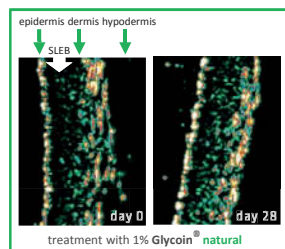
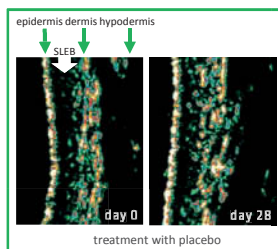
A: Myrothamnus plant during dry season; B: Myrothamnus plant after rain

dehydration. But suddenly, when the rains come, it miraculously re-greens within a few hours. After the rains stop, the plant dries out again, waiting for the next wonder of resurrection.

Glycoin® natural stimulates aged skin cells by boosting and revitalizing their metabolic activity, ATP synthesis, pro collagen 1 and SOD1 production. This leads to outstanding clinical results:

- all-day hydration after one application by up to 24%
- increase of skin elasticity by up 93%
- increase of skin smoothness by up to 61%

Glycoin® natural improves skin density in mature skin by up to 9,9% after 4 weeks (ultrasonic images).



The reduction of dark pixels on a single picture equals the increase of epidermal and dermal thickness and the changes in subepidermal low-echogenic bands (SLEB) density over time.

28EXTREMOIN® – FULL SPECTRUM POLLUTION PROTECTION

28Extremoin® (INCI: Ectoin, Hydroxyectoin) is a natural multifunctional active ingredient, especially developed to protect our skin from pollution induced damage. Its global cell-protection benefits are proven by various clinical, *in-vivo* and *in-vitro* studies.

28Extremoin® protects the skin from pollution induced damage and skin aging by forming stable protection shells with water around skin cells.

28Extremoin® offers:

- particulate matter protection (PM10, PM2.5, PM1, heavy metals, PHAs)
- ultrafine particle protection (nanosize; “UP”)
- IR-A & visible light protection
- anti-inflammation
- anti-aging & cell repair

An *in-vitro* study on Asian and Caucasian epidermal keratinocytes demonstrated the efficacy of **28Extremoin®**. The keratinocytes were stressed with different pollution particles (PM10, PM2.5, PM1), heavy metals, PHAs and ultrafine particles. Afterwards POMC up-regulation was measured. The pre-treatment of the skin cells with **28Extremoin®** completely inhibited the pollution induced POMC expression. POMC is a marker for skin pigmentation.

Please visit us at F40 for the latest *in-vivo* study results!

STUDY RESULTS – INHIBITION OF POLLUTION INDUCED POMC EXPRESSION

used pollution particles to induce gene expression in keratinocytes	POMC up-regulation in keratinocytes
Printex90 (ultrafine particles): 0,014µm particle diameter (nanosize)	100% reduction
Huber990 (fine particles): 0,26µm particle diameter	100% reduction
SRM1650 (engine exhaust soot): contains PHAs & heavy metals, particle sizes PM2.5, PM10, PM1	99% reduction
SRM2975 (diesel soot): contains PHAs & heavy metals, particle sizes PM2.5, PM10, PM1	100% reduction

Table : Reduction of pollution induced POMC expression in human keratinocytes by 28Extremoin. *

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www.clr-berlin.com

CLR BERLIN OBTAINS NEW RESULTS WITH ITS SKIN RENEWING PRORENEW COMPLEX CLR™

A well-known approach towards compensating for common problems of aged skin is to peel off the desiccated upper part of skin, revealing healthy looking and moisturized skin.

A far smarter and more sustainable approach would be to help skin to reactivate its endogenous desquamation processes. A new *in vivo* study with ProRenew Complex CLR™, based on a lysate of probiotic bacteria, which activates the epidermal renewal processes, has shown that it activates the desquamation processes and ensures active skin resurfacing.

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GATULINE® RENEW YOUNGER SKIN REVEALED

The expectation of today's consumers is clear: they want to restore the appearance of a perfect skin.

Gatuline® Renew targets the sign of age the most difficult to hide: skin texture degradation.

Rich in isopimaric acid, Gatuline® Renew kick-starts the cellular renewal process, naturally slowed in aging skin. The essential steps of epidermis renewal (proliferation, differentiation and desquamation) are boosted, from basal layer to stratum corneum.

The epidermis is rebuilt from within, and the skin barrier function is restored.

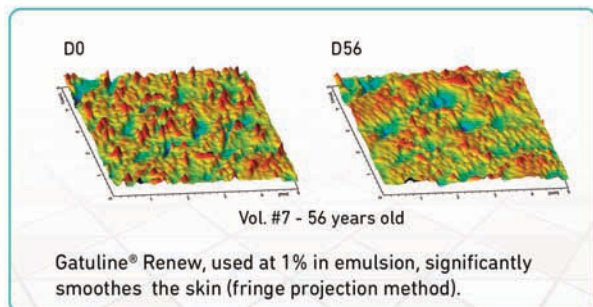
High level of substantiation

The mechanism of action was proven *in vitro* and *ex vivo*. Gatuline® Renew was also assessed *in vivo*, in a double blind study versus placebo, using various advanced instrumental techniques.

Visible efficacy

The skin is smoother, more supple and comfortable, it looks healthier. The soft texture of a young and fresh skin is restored.

Gatuline® Renew is adapted to sensitive skins (tested under dermatological control).



www.gattefosse.com

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SOLIBERINE®, THE GLOBAL PHOTOPROTECTIVE ACTIVE:

Issued from *Buddleja officinalis* flowers, butterflybush coming from Sichuan (China), it is exceptionally rich in phenylpropanoids, true UV shields. R&D has developed via high tech process a potent **skin defence system against light rays**.

SOLIBERINE®: absorbs main part of UVA and UVB radiations, inhibits transformation trans/cis of urocanic acid (less 50% at 0.7%) and so oxidative stress and inflammation, stimulates endogenous systems of skin defence.

Preserving skin's physiological functions against light ray stress SOLIBERINE® maintains its youth, quality and radiance. The active fights against premature ageing: protects DNA and inhibits synthesis of MMP-1, preserving dermal matrix fibres. It inhibits lipid peroxidation: less 20% at 2% (*ex vivo* tests). The integrity of skin barrier is therefore preserved. SOLIBERINE® will maintain luminosity and unify complexion.

Multi-benefit active, SOLIBERINE® preserves skin youthful appearance, keeping away from inflammation, redness and premature wrinkles due to light rays.



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HD Cream - SOLIBERINE (SOLI-005-01)					
Phase	Material name	Inci	Supplier	Properties	% Material
A	DEMINERALIZED WATER	AQUA (WATER)	-	-	63,75
	MICROCARE SB	AQUA (WATER) (AND) SODIUM BENZOATE (AND) POTASSIUM SORBATE	THOR	preservative	1
	GLYCERIN	GLYCERIN	OLEON	humectant	2
	XANTHAN GUM	XANTHAN GUM	GREENTECH	gelling agent	0,3
	EXILVA 10%	CELLULOSE	BORREGAARD	gelling agent / soft focus powder / soft and smooth skin feeling	5
B	GREENSOFT 330 COTTON (755003)	GOSSYPPIUM HERBACEUM (COTTON) SEED OIL (AND) HYDROGENATED OLIVE OIL (AND) GLYCERYL STEARATE (AND) TOCOPHEROL	GREENTECH	emulsifier / regenerating / revitalizing : good balance in fatty acids / antioxidant	4
	EMULPHARMA 1000 NEW	CETEARYL GLUCOSIDE (AND) SORBITAN STEARATE (AND) GLYCERYL STEARATE (AND) CETEARYL ALCOHOL	RESPHARMA	emulsifier	4
	BAOBAB ORGANIC LIPACTIVE (111004)	ADANSONIA DIGITATA SEED OIL	GREENTECH	emollient / soothes skin against external stress / moisturizing agent / prevents against skin ageing	4
	COCOA DEODORIZED BUTTER (740011)	THEOBROMA CACAO (COCOA) SEED BUTTER	GREENTECH	texturing agent / emollient / antioxidant / soothing / protective	5
	CAPRYLIC CAPRIC TRIGLYCERIDE	CAPRYLIC CAPRIC TRIGLYCERIDE	-	emollient	6
C	SOLIBERINE NAT (001173)	AQUA (WATER) (AND) PROPANEDIOL (AND) BUDDLEJA OFFICINALIS FLOWER EXTRACT	GREENTECH	photoprotection	2
D	TITANE DIOXIDE	TITANIUM DIOXIDE	COOPER	complexion homogenizer	0,5
E	COVIOX 770C	TOCOPHEROL	BASF	antioxidant	0,05
F	PERFUME SWEETNESS	PARFUM (FRAGRANCE)	EXPRESSONS PARFUMES	perfume	0,4
G	CITRIC ACID (30%)	AQUA (WATER) (AND) CITRIC ACID	-	pH adjusting	2
					100

ICHIMARU PHARCOS TO INTRODUCE IZAYOI & OUGON LIQUID B AT IN-COSMETICS 2016

ICHIMARU

PHARCOS will introduce a NEW PRODUCT called 'IZAYOI', a natural plant extract for a new sun protection which general sun care product formulators might



have been looking for a long time. Generally, we live with bathing the sun light for brief duration of the day; however, this few minutes' exposure can damage our skin leading to wrinkles, age spots or pigmentation. We have discovered that the expose to Sun or UV will release DAMPs (Damage-associated molecular patterns), a denatured RNA from the UV damaged cells which can initiate a unique inflammatory reaction leading to skin aging. IZAYOI can attenuate the inflammation by blocking the spread of denatured RNA induced cell activation in the surrounding cells.

ICHIMARU

PHARCOS will introduce NEW DATA at In-Cosmetics Paris 2016 with PM2.5 (Particle Matter 2.5) on a product called 'OUGON Liquid B', a



natural plant extract having Anti-pollution efficacy controlling on a path way AhR (aryl hydrocarbon receptor) for the recent skincare trend. PM2.5 is the one of representative pollutants many Asian countries suffer from. We have just obtained new data that 'OUGON Liquid B' inhibits IL-1, 6 and 8 induced by PM2.5 on human keratinocyte. This products has also anti-pollution studies on Tabaco smoke, the studies shows anti-wrinkle and anti-pigmentation efficacy in human clinical trials.



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SERICOSIDE: THE NATURAL ALLY TO IMPROVE SKIN HEALTH

The skin, specifically the face, is daily exposed to a wide range of weakening elements. All these factors, combined with aging, reduce its ability to regenerate and maintain its youthful look, liveliness and brightness. The common signs of ageing can be improved with the help of nature, as several botanical active ingredients have been reported to be effective in maintaining or enhancing the healthy status and appearance of the skin. Among them Sericoside, a pure molecule that was isolated and extracted for the first time by Indena. Sericoside is obtained from *Terminalia sericea*, an African Silver tree whose name reveals the activity of the extract, as the adjective *sericea*, in ancient Latin, means “silky, smooth as silk”. Thanks to its triterpenic structure – which is quite similar to the more commonly known *Centella asiatica* triterpenoids – Sericoside revealed to have skin restructuring and capillary protection activity, skin regeneration and antioedema properties, as well as wound healing and anti-UV erythema properties after topical application.

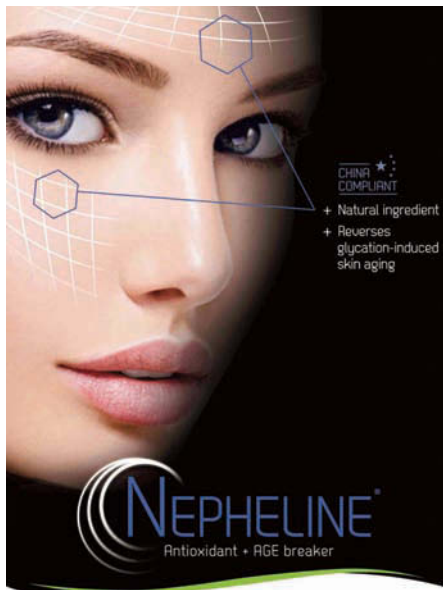
A new study confirmed the clinically proven efficacy of Sericoside in anti-ageing and skin toning effect, improvement of skin elasticity and complexion, diminishing dark circles, re-densifying the skin with anti-sagging activity and improving texture. The placebo controlled, single blind clinical study was carried out on 40 healthy male and female volunteers, aged between 35 and 55 and showing wrinkles, lack of skin elasticity, dull skin complexion, bags under eyes and/ or dark circles. Dark circles were improved in 45% of tested subjects (whereas only in 15% of the placebo treated group). Roughness parameters have shown a statistically significant decrease as well as an improvement was observed in the skin texture evaluation.

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Stand L100**



The new data on the anti-ageing properties of Indena Sericoside will be presented at In-Cosmetics 2016, during the Innovation Seminar “Fighting skin ageing: new evidences on Sericoside” Thursday, April 14th - 11:00-11:30 – Seminar Theatre 1. - www.indena.com

NEPHELINE®: NEW ANTI-AGING ACTIVE INGREDIENT TARGETING GLYCATION



At In-Cosmetics 2016, Laboratoire Phenobio will launch its new active ingredient: **Nepheline®**.

Nepheline® is a natural plant extract able to exert a protective effect against protein glycation and AGEs (advanced glycation end products) formation. Protein glycation and AGEs formation are accompanied by increased free radical activity in skin collagen which accelerates skin aging.

Nepheline® was tested in vivo by a panel of 20 women (2% in a face cream versus placebo). The anti-glycation efficacy was measured in the forearms, before and after 28 days of use, by quantification of the accumulation of AGEs (AGE Reader™ device).

In addition, the anti-wrinkle action was also measured in the crow's feet area using fringe projection (wrinkle surface area and depth).

Nepheline® is China compliant and is available in preservative-free formulation. It can be used in anti-aging skincare products, such as anti-wrinkle for face, eye contour and décolleté products.



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www.phenobio.fr

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CELL COMMUNICATION FOR REJUVENATED SKIN

When women start approaching the hormonal and transitional period of menopause, the skin functioning and homeostasis get affected mostly due to alterations in the signaling exchange between skin cells, which contribute to accelerating the skin aging process. The less connected the cells are, the lower the ability of the skin to function correctly as a whole. Restoring this communication is key for minimizing visible signs of aging.

CELLYNKAGE™ marine ingredient enhances both direct communication between adjacent cells and crosstalk among different skin layers offering a rejuvenated effect for mature skin.

An in vivo study on menopausal women who used a cream with 2% **CELLYNKAGE™ marine ingredient** for 56 days demonstrated that thickness of the epidermis increased by 15%, collagen density improved by 2.4% and microrelief by 113% when compared to placebo.

Enhanced intercellular communication leads to a better skin appearance.

CELLYNKAGE™ is owned by The Lubrizol Corporation or its affiliates © 2016 The Lubrizol Corporation

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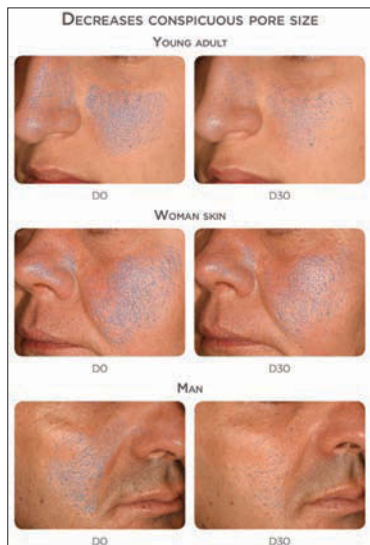


cellynkage™
marine ingredient



MINIPORYL REDEFINES SKIN TEXTURE IN ONLY 15 DAYS!

Extracted from red clover flower, **Miniporyl™** is a natural picture-perfect pore minimizer designed to rebalance skin conditions responsible for pore enlargement. **Miniporyl™** acts effectively and simultaneously on three different biological targets to refine the skin with a fast action. It normalizes the



keratinocyte differentiation process, has an astringent action and reduces excess sebum production. **Miniporyl™** visibly reduces the appearance of pore in men, women and young adults after only 15 days. As a skin treatment, **Miniporyl™** has a complementary effect compared to pore filling silicone-based primer, which has only a short-lasting immediate physical action.

POREFECTION GEL-CREAM 15.330.01 C177

INGREDIENTS	INCI NAME	%
A Deionized Water	Water	82.80
Dermofeel® PA-3	Sodium Phytate (and) Water (and) Alcohol	0.10
Glycerin	Glycerin	2.00
Lecigel™	Sodium Acrylates Copolymer (and) Lecithin	2.00
B Crodamol™ W	Stearyl Heptanoate (and) Stearyl Caprylate	3.00
Schercomol™ SHS	Isostearyl Hydroxystearate	3.00
C Granlux® AOX-GL	Glycerin (and) Picea Abies Extract	1.00
Verstatil® PC	Phenoxyethanol (and) Caprylyl Glycol	1.10
D TR-1	Nylon-6	1.00
SWT-7™ H	Maltodextrin (and) Swertia Chirata Extract	1.00
Progeline™	Glycerin (and) Water (and) Dextran (and) Trifluoroacetyl Tripeptide-2	1.00
Miniporyl™	Isopentyldiol (and) Trifolium Pratense (Clover) Flower Extract	2.00

IFF | LUCASMEYER COSMETICS

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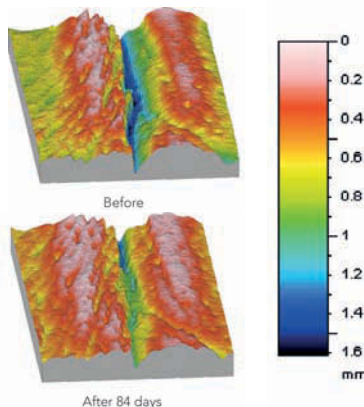




PHYTOCELLTEC™ ARGAN - REDENSIFIES SKIN BY STEM CELL ACTIVATION

PhytoCellTec™ Argan is based on stem cells of the argan tree, one of the oldest tree species in the world. In vitro studies showed that PhytoCellTec™ Argan activates dermal as well as hypodermal stem cells. The dermis provides elasticity to the skin whereas the hypodermis cushions and anchors the skin to the body. The vitality of stem cells in both skin layers is needed to maintain youthful skin.

In placebo-controlled clinical studies, PhytoCellTec™ Argan increased skin firmness and density and significantly reduced wrinkle depth in the crow's feet area and even of the deep wrinkles of the nasolabial fold. By filling these wrinkles from within, PhytoCellTec™ Argan fights skin aging right at the root.



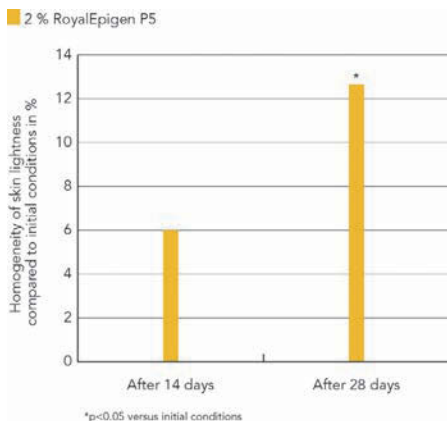
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ROYALEPIGEN P5 - REJUVENATION THROUGH EPIGENETIC SCIENCE

RoyalEpigen P5 is a biologically active peptide based on the epigenetic science of royal jelly. Recent scientific findings have shown that the component of royal jelly that is responsible for queen bee development is the protein royalactin. RoyalEpigen P5 was designed to mimic the function of royalactin to rejuvenate the skin.

RoyalEpigen P5 was shown to stimulate the activity of the proteasome to reduce the accumulation of aged proteins in skin cells. Additionally, RoyalEpigen P5 accelerates tissue regeneration and activates epidermal cell renewal for a refined skin texture and a youthful, even complexion.



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NAOLYS
NATURE EXPANDED

OVERNIGHT ENHANCE [MJ+C] - TO BOOST NIGHT-TIME SKIN RECOVERY

Overnight Enhance [MJ+C] is the brand new plant cell complex made from native cells of mirabilis jalapa (four o'clock flower), containing not only its own active molecules but also caffeine to stimulate activity. This new plant cell complex combines two cutting-edge technologies: a controlled cell culture that boosts the synthesis of the active molecules inside whole plant cells, and, the delicate integration of a well-known molecule inside those native cells.

The fourth natural plant cell complex developed by **Naolys**, **Overnight Enhance [MJ+C]** stimulates skin cell metabolism at night. It has an energising effect on the skin by increasing the cell metabolism at the mitochondrial level (demonstrated by an in vitro test usually carried out for pharmaceutical products), a detoxifying effect by improving the microcirculation and an antioxidant effect by decreasing lipid peroxidation in free radical chain reactions.

As a result, it produces a clinically proven 60% increase in the radiance and brightness of the face after only one night, and a 63% increase after 28 days of treatment.

Overnight Enhance [MJ+C] is non-allergenic and preservative free, and can be used as a dispersion or a powder, in any formulation including skincare and make-up ranges.

Contact www.naolys.com • naolys@naolys.com

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2016
Stand D61**



PPF: THE NEW REVOLUTIONARY SKIN REGENERATIVE PRODUCTS

Vytrus Biotech, formerly known as Phytur Biotech, launches at this In-Cosmetics 2016 the **FIRST GENERATION OF PLANT PEPTIDES**.

From the technology platform, Plant Cell Biofactories™, and based in the company's expertise in plant regeneration processes through plant totipotent cells, Vytrus Biotech has developed the first generation of genuine **Phyto-Peptidic Fractions™ (PPF)** showing revolutionary skin regeneration properties.



www.vytrus.com



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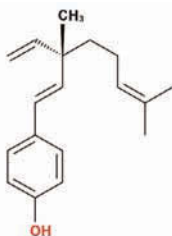
A WAY TO MAKE EUROPE

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2016
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in Paris
12-14 April 2016

SYTHEON
...making innovation work



Sytenol® A (INCI: Bakuchiol)

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Tel: 33-(0)1-4110-8182
E-mail: sytheon@sytheonltd.com

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Stand F120**



in Paris
12-14 April 2016

THE FIRST NATURAL ALTERNATIVE TO RETINOL FOR ANTI- AGING AND ANTI-ACNE

It is quite easy to understand why ingredient suppliers often claim new products as retinol-like, almost always taking very minor functional attributes of retinol. Because even after 20 years of retinol use, retinol is still the product most recommended by dermatologists. Can you imagine a product with the major benefits of retinol but none of the problems? That really would be a Ultimate Retinol-Alternative.

Sytenol® A (INCI: Bakuchiol), a natural well-defined compound, indeed is the Ultimate Retinol-Alternative. It has all the benefits of retinol – Anti-aging, Skin Protection and Anti-acne, but none of the negatives. It is miscible with almost all types of emollients and very easy to formulate. Additionally, **Sytenol® A** is an excellent stabilizer of retinol under photo-oxidative environment and can be used topically during the day.

Sytenol® A works by modulating multiple molecular and cellular targets. This has been proven by micro-array, rtPCR, cell culture and histochemistry studies. Finally, its performance has been demonstrated by multiple clinical studies – anti-aging, skin protection and anti-acne. **Sytenol® A** is covered by multiple issued US (8,529,967; 8,859, 021) and pending patents.

Anti-Aging Night Cream with 0.5% Sytenol® A Formulation #RC-01-13

INCI name	Trade Name/Supplier	% w/w
Phase A1		
Water	Water(demineralized)	Qs
Sodium EDTA	Versene Na/Dow	0.10
Glycerin	Emery 918/BASF	3.00
Butylene Glycol	Butylene Glycol/Ruger	2.20
D Panthenol	Panthenol/BASF	0.50
Phase A2		
Xanthan Gum	Keltrol® CG-T/CP Kelco	0.15
Carbomer	Carbopol Ultrez 10/Lubrizol	0.40
Sucrose Stearate	Systema SP50C/MMP	2.50
Poly C18-22 Alkyl Methacrylate	Intellimer 8600/Air Products	2.50
Phase B		
Sinmondsia Chinensis (Jojoba Oil)	Jojoba Oil/Jean Int'l.	3.00
Shea Butter	Shebu Refined / Rita	2.50
Behenyl Alcohol	Lanette 22/BASF	1.50
Potassium Cetyl Phosphate	Amphosol® K/DSM	1.00
Stearic Acid	Pristar® 4911/Croda	1.00
Dimethicone	Dow Corning 200, 100cs/Dow	4.00
Natural Beeswax	Beeswax/Rita	2.00
Ascorbyl Tetraisopalmitate	Hydrasynol™/D&C/Sytheon	3.00
Alpha Tocopherol	Vitamin E/BASF	0.20
Hydrogenated Polyisobutene	Panetane L14E/Lipo	4.00
Bakuchiol	Sytenol® A/Sytheon	0.50
Phase C		
Sodium Hydroxide	Sodium Hydroxide (50% sol)	0.40
Phase D		
Fragrance	Women's Fragrance K3258/Canuba	0.20
Red 33 (CI 17200)	D&C Red 33 (1% sol)	0.05
Phenoxyethanol	Euxyl PE 9010/Schulke	1.00
Ethylhexylglycerine		100.00

Procedure:

Combine A-1; disperse A2 one by one in A1 while stirring and heat A to 75°C. Combine ingredients of phase B and heat to 75 °C. Add phase B to A with good mixing. Homogenize mixture at moderate speed for 3-5 min while adding phase C (adjust pH to 5.5-6.0). Cool batch to 40°C with proper agitation until mixture is homogeneous. Add phase D ingredients while continue mixing.

Notes:

pH - 5.5-6.0 Viscosity - 80,000- 100,000 mPas (Brookfield RVT, Spindle C, 10 rpm) at 25°C



LIFTONIN®-XPRT

Smart Collagen Management

The Expert for

- Facial Contours
- Stretch Marks
- Nail Care
- Tattoo Aftercare



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PROTEOLEA®

6 Years younger in 4 Weeks

- Anti-Glycation
- Anti-Pollution
- Anti-Ageing
- Detoxifying



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www.rahn-group.com

RAHN

Your partner for excellence



FILMEXEL®

The excellence of a natural, protective and lifting film.

SILAB offers FILMEXEL®, a biomimetic film-forming active ingredient that is eco-designed using an innovative technology. This interpenetrating network of natural biopolymers forms a resistant, flexible and non-occlusive film on the skin, mimicking its properties and functions.



- **FILMEXEL®, protective effect.** Thanks to its dense meshwork, it acts as a natural barrier against harmful exogenous agents (particulate matter, allergens, irritants).
- **FILMEXEL®, lifting benefit.** Its tensor effect is instantly visible, and its smoothing and anti-wrinkle efficacy is proven in various formulas, at different doses.
- **FILMEXEL®, perceptible efficacy.** A more radiant complexion and a more attractive face are visible from the first applications. Incorporated into a foundation, it prolongs its wear and creates a genuine lifting sensation.

With its second-skin and anti-aging benefits, FILMEXEL® stands out as a universal skin care and it is recommended for all face and body care, and make-up products.

www.silab.fr



Tested in Europe and Asia on 1,100 volunteers, through 28 studies, 7 formulations, 5 doses and 14 analysis times

Silab

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2016
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Givaudan



NEUROPHROLINE™ - OVERALL SKIN STRESS CONTROL

Modern daily life is high-stress everywhere; from job pressure, environment, health or lifestyle. As for skin, the main causes of stress are UV, pollution, smokes, chemicals...

Neurophroline™ is the first generation of cosmetic active ingredient able to block the production of cortisol, the major stress hormone. Neurophroline™ also promotes the release of relaxing neuropeptides (endorphins) in skin, which breaks down the vicious biochemical circle of stress.

Fast consumer's benefits are obtained in only 2 weeks with a visible reduction of redness (up to 19 folds), a very fast recovery of the skin luminosity (+57%), an improvement of skin color (+99%). In one month, people have a less tired look and recover a noticeably better skin quality.

Neurophroline™ is water soluble and preservative-free. China compliant, it complies with Ecocert and Cosmos guidelines, and can be used in any formula to fight the signs of stress, pollution, fatigue and tiredness.

Neurophroline™ makes people look and feel better.

Fast clinical results

Day 0

Day 28



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TIGHTENYL™ - THE SKIN BIO-LIFTER

A cosmetic alternative to facelift surgery – back to baby skin

There is 1 facelift procedure performed every minute around the World! It is now the aesthetic practice among the most demanded by consumers.

Tightenyl™ has been designed to give a cosmetic biological answer to this market demand. This is the very first biomimetic cosmetic active ingredient derived from biotechnology research, which specifically targets the synthesis of sulfated glycosaminoglycans and proteoglycans to enable the reorganization of the ECM components (collagens, elastin and hyaluronic acid).

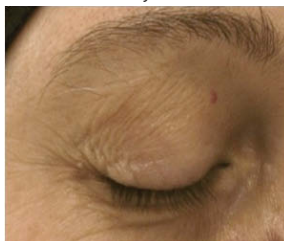
Performing at least twice better than retinol, it shows no side effects and can be used on sensitive skins. It firms and re-densifies the skin in only 2 weeks, and gives a global lifting effect in 84 days. The ultrasound echography of skin treated with Tightenyl™ after 3 months looks like the echography of a baby skin. Water soluble and without any preservatives, Tightenyl™ can very easily be formulated in new generation of products to enhance consumers' beauty, and meet their expectations.

Clinical results - Visible lifting effect

Day 0



Day 84



Givaudan



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A NEXT GENERATION PEPTIDE FOR UNLOCKING YOUTHFUL SKIN

CytoRegulin™ is a uniquely designed heptapeptide that can absorb into the skin in a very predictable manner without the help of additional delivery vehicles that are often required when formulating with peptides. **CytoRegulin™** mimics the action of a key growth factor called Transforming Growth Factor $\beta 1$ (TGF $\beta 1$) which is responsible for stimulating healing, restoring structure and maintaining balance in the skin.

What makes **CytoRegulin™** distinctive is that it can activate TGF $\beta 1$ targets despite disrupted TGF receptor biology, caused by both intrinsic and extrinsic aging mechanisms, resulting in the activation of multiple pathways critical to healing and repair of aging skin.

150 Mount Bethel Rd
Warren, NJ 07059
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W: www.lipochemicals.com

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AIGLOSYN - MINERAL OIL FREE VASELINES

A microcrystalline texture, white, tasteless and odourless. A blend of synthetic bases of absolute purity.

Application

Aiglon develops the synthetic based AigloSyn vaselines according to customers' requirements and use: creams, lipsticks, ointments, etc.

Absolute Purity

Due to their exceptional purity conforming with the French Codex Pharmacopoeia, the synthetic based AigloSyn vaselines can be used in numerous pharmaceutical and cosmetic applications.

Innovation

AigloSyn, mineral oil free vaselines, offers the same characteristics than mineral vaselines.

Tailor made solutions

Aiglon manufactures a large range of tailor-made products according to customer needs.

Added value

Very beautiful vaselines. AigloSyns meet requirements for customers' new, mineral oil free trends. A powerful sales argument.

GMP / BPF: Good manufacturing practice

ISO 9001: 2015

ETA

CE marking

The purity of our vaselines conforms with the pharmacopoeia:

Codex, EP, BP, DAB, JP, FDA, etc.



Aiglon Group

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Fax : 33 (0)3 44 27 60 55

contact@aiglon.eu

www.aiglon.eu

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Product	Drop melting point, °C Ph. EUR.	Cone penetration at 25°C, 1/10 mm Ph. EUR.	Viscosity at 100°C, mm2 NF EN ISO 31014	Description	Main applications
AigloSyn F 001106	42.4 typical value	141 typical value	3-7	<ul style="list-style-type: none"> • Creamy, very shiny, non-fibrous, soft finish, non-greasy • Melts at body temperature • Spreads easily, glides on the skin, non-tacky 	<ul style="list-style-type: none"> • Balms, massage oils and creams • Make-up removers • Cosmetic creams and lotions
AigloSyn HQ 001107	64.4 typical value	119 typical value	11-12	<ul style="list-style-type: none"> • Very creamy texture • Very high viscosity, long fibers • Remarkable oil absorption (up to 50%) • Excellent adherence 	<ul style="list-style-type: none"> • Make-up, lip balms and lipstick • Solid perfumes, aromatherapy • Brilliantine, styling wax • Denture adhesive / thickening agent for ointments and emulsions
AigloSyn N 001105	59.6 typical value	163 typical value	3-7	<ul style="list-style-type: none"> • Soft, short fibers • Spreads easily, non-tacky, soft velvety finish on the skin • Good lubricant 	<ul style="list-style-type: none"> • 100% pure in tubes and jars • Multi-uses: cosmetic hand and face creams



AZEPUR99™ A NEW STANDARD FOR AZELAIC ACID

Azelaic Acid is a very effective, proven active ingredient to treat:

- Treatment Rosacea
- Anti Acne
- Skin Lightening
- Hair Growth

Azelaic Products has managed to obtain a very high purity grade from renewable resources.

Azepur99 has no adverse effects.

Want to meet us at the In-Cosmetics in Paris?
Please contact Mrs. Annet Verhaegen: +31475782540
www.azelaic.com; info@azelaic.com

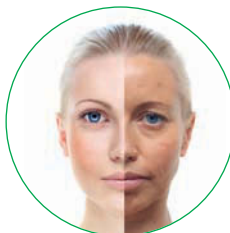
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2016**



Treatment Rosacea



Anti acne



Skin lightening



Hair growth

BOTANYKEM™ RANGE, RE-EXPLORING THE WORLD OF PLANTS



BOTANYKEM™ range consists of botanical extracts and floral waters that place the power of plant world at the service of beauty. Exotic and traditional French plants have been carefully selected, based on reputation or ancestral use, and come from a particular geographic origin. Extraction processes developed minimize the environmental impact and preserve the integrity of active compounds naturally found in these plants.

Botanical extracts are obtained from an eco-friendly extraction process that extracts maximum molecules while maintaining efficiency. Preservative-free and based on a glycerin and water form, they are a natural source of active molecules (flavonoids, tannins, vitamins, AHA, saponins, carotenoids, and so on).

As for floral waters, source of aromatic molecules, they will boost your formulas by bringing “active water”.

These natural ingredients are ideal for any kind of face, body and hair care products.

Berkem

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Gardonne Aquitaine

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F: +33 553638102

W: www.berkem.com

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KARANSUN[®] OIL NATURAL UV- PROTECTION



A Sustainable Biorefinery for KARANJA

- Putting in place the first Biorefinery of Karanja in the state of Maharashtra (India) Non edible oil
- Production of Karanja-based ingredients / raw materials for Cosmetics & Industry
- Insurance of sourcing in terms of Availability and Quality (organic, tracability,) 55 000 Mt/year
- Strict respect of Indian Biodiversity (compliance with Nagoya protocol)
- Fair trade including large vegetal valorization for a better return to local populations
- BIOPEARL microcapsules for Natural Pesticide rich in Karanjin

Biosynthis

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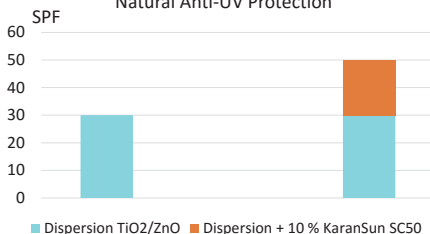
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PONGAMIA GLABRA (KARANJA) SEED OIL



Natural Anti-UV Protection



SOFT FOCUS CARE CONCEALER CREAM

Attributes

- / Improvement of the visual aspect of skin
- / Soft-focus effect, optical blurring of skin wrinkles
- / Cushion and smooth sensory feeling
- / EO free emulsion
- / Improved texture and fine line reduction

Procedure

Disperse xanthan gum into glycerin, then add warm water under 600 rpm stirring. Rise temperature to 70°C, add MAS under slow stirring and let swelling for 1 hour. Add and disperse Cola®fax CPE-K into the previous blend.

1. Phase B is separately mixed under stirring at 75°C
2. Phase B is added to phase A under high stirring (3000 rpm) during 10mn
3. Let cooling down to 35°C and add phase C ingredients one by one under light stirring (500rpm) in the emulsion.
4. Cool down at 30°C at 350rpm

Beauty claims are on the rise in facial care, with brightening/illuminating properties taking the lead. This mattifying cream instantly blurs lines, giving improved texture and fine line reduction. Skin immediately looks fresh, rested and youthful. The benefits of soft focus technology are a key part of anti-aging skin care.

Technical challenge

Soft focus is the optical blurring of skin wrinkles caused by manipulating the transmission and scattering of light from and into skin. The approach to concealing wrinkles is to apply materials with optical properties that allow them to reflect and scatter light in such a way as to reduce the visibility of skin imperfections. This phenomenon is referred to as the “soft focus” effect because it is similar to what happens when skin is photographed with a camera that is out of focus.

Target group

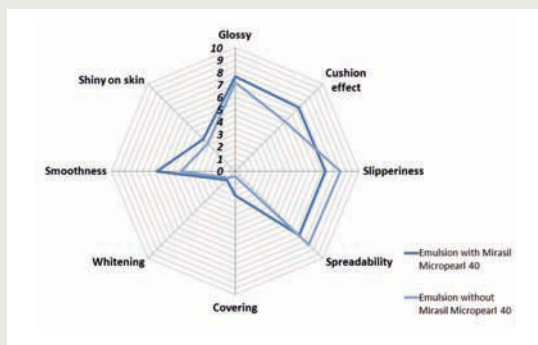
Suitable for combination skin types

Direction for use

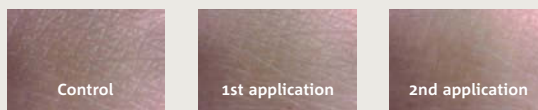
Apply on clean and dry skin

INCI NAME	TRADE NAME	WT. %	SUPPLIER
Phase A			
Potassium Cetyl phosphate	Cola®fax CPE-K	1,5	Colonial Chemical Inc.
Magnesium aluminum silicate	MAS 102	1,5	Brenntag Specialties Inc.
Xanthan gum	Xanthan gum	0,15	Brenntag
Glycerin	Glycerin	3	Brenntag
Deionized Water	Aqua (water)	Up to 100	Brenntag
Phase B			
Glyceryl Monostearate	Glyceryl Monostearate	0,5	Brenntag
Isopropyl Myristate	Isopropyl Myristate	3	Brenntag
Cetyl Alcohol	Cetyl Alcohol	1	Brenntag
Ethylhexyl Stearate	Ethylhexyl Stearate	5	Brenntag
d-α-Tocopheryl Acetate	d-α-Tocopheryl Acetate	1	DSM
Phase C			
Polymethyl-silsesquioxane	Mirasil® Micropearl 40	5,5	Bluestar Silicones
Phenoxyethanol	Neolone™ PH100	0,9	Dow Microbial Control
Fragrance	Fragrance	0,4	Brenntag

Sensory Analysis Profile Assessed by Expert-Panel of Soft Focus Care Concealer Cream



Mirasil® Micropearl 40 @ 5,5 % on cream



Anti-wrinkle / Soft focus effect on skin, 45x

MOISTURISING VELVET BODY LOTION

Attributes

- / Long lasting moisturizing effect
- / PEG free fluid lotion
- / Improved spreadability & velvet touch
- / Skin rejuvenating
- / Skin lightening
- / Reduces skin roughness and visibly reduces skin dryness
- / Clinically proven
- / High electrolyte concentration (8% ammonium lactate)

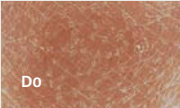
Procedure

1. Disperse xanthan gum into glycerin, then add warm water under 600 rpm stirring. Raise temperature to 70°C, add MAS under slow stirring and allow to swell for 1 hour. Add and disperse Cola®Fax CPE-K into the previous blend then add Purasal® NH/COS .
2. Phase B is mixed separately while stirring at 75°C
3. Phase B is added to phase A under high stirring (3000 rpm) during 10 min
4. Cool down to 35°C and add phase C under 500rpm
5. Cool down to 30°C under 350rpm

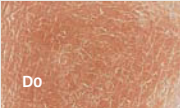
The skin on your body is just as important as the skin on your face. Dry skin may not be a serious health condition, but it can be itchy, uncomfortable and challenging to overcome. Our Moisturising Velvet Body Lotion has been specifically formulated to effectively relieve

Image of skin taken by video microscope (Hirox®) before and after 3 weeks of treatment

Placebo Lotion



Lotion with 7.15% PURASAL NH/COS



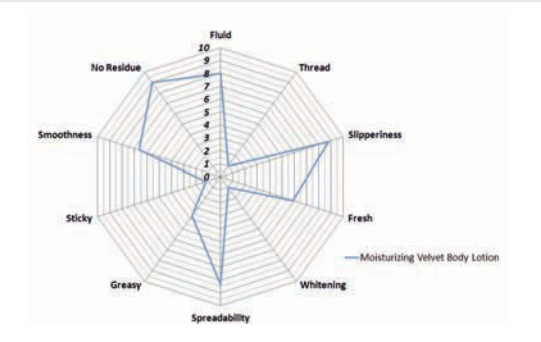
dryness as well as keep your skin moisturized. Its light and easy-to-spread texture keeps skin subtle, smooth, and hydrated.

Direction for use

After shower, apply generously to any areas that are dry. Allow the lotion to absorb for five minutes. Apply this lotion twice a day to repair dry skin and keep it moisturized.

INCI NAME	TRADE NAME	WT. %	SUPPLIER
Phase A			
Potassium Cetyl Phosphate	Cola®Fax CPE-K	1,5	Colonial Chemical, Inc.
Magnesium Aluminum Silicate	MAS 102	1,5	Brenntag Specialties Inc.
Xanthan Gum	Xanthan Gum	0,5	Brenntag
Glycerin	Glycerin	5	Brenntag
Ammonium Lactate (and) Water	PURASAL® NH/COS	8	Corbion Purac
Deionized Water	Aqua (Water)	Up to 100	Brenntag
Phase B			
Glyceryl Stearate	Glyceryl Stearate	0,5	Brenntag
Cetyl Alcohol	Cetyl Alcohol	1	Brenntag
Isononyl Isononanoate	Isononyl Isononanoate	10	Brenntag
d-α-Tocopheryl Acetate	d-α-Tocopheryl Acetate	1	DSM
Phase C			
Phenoxyethanol	Neolone™ PH100	0,9	Dow Microbial Control
Fragrance	Fragrance	0,4	Brenntag

Sensory Analysis Profile assessed by EBITouch® of Moisturizing Velvet Body Lotion



Connecting**Chemistry**

**ENJOY SUCCESSFUL
PARTNERSHIPS
WITH BRENNTAG
COSMETICS**



**BRENNTAG COSMETICS
DEDICATED TEAM, INNOVATIVE SOLUTIONS**

Brenntag has built its reputation on partnering with the best ingredients manufacturers and delivering the highest quality products to its customers.

Working with Brenntag means not only accessing our wide-ranging product expertise, but also our extensive market, industry and formulations know-how.

Discover our Cosmetics portfolio for:

- Advanced ingredients
- Inspiring concepts
- Innovative textures
- Modern applications

Cosmetic Formulation Laboratories

Our team of qualified cosmetic scientists are on hand to develop tailor-made, novel formulations and creative concepts.

NEW INNOVATION - **COSPHADERM® GMG!**

Our newly created **Cosphaderm® GMG** is a novel and natural alternative preservative-mixture which shows a very strong efficiency against bacteria, yeasts and molds in low concentrations as well as many positive properties: Anticariogen, Anti-acne, Anti-irritant, Anti-nociceptive, Antioxidant, free-radical scavenging, skin and hair conditioning, emollient and emulsifying.

Cosphaderm® GMG is a novel plant derived weapon which can be used to replace controversially discussed preservatives, to eliminate unwished side-effects as well as increase a long list of positive functions.

For more information please contact:
Carsten.dietz@cosphatec.com

www.cosphatec.com

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VERSTATIL® SYNACID

drstraetmans
intelligence behind beauty

The synergistic blend for exceptional antimicrobial efficacy

INCI: Aqua; Glycerin; Sodium Levulinate; Sodium Salicylate; Sodium Anisate

While the challenge to preserve cosmetic formulations against a growing multitude of different microorganism has increased in the past years, the number of safe, approved and publicly accepted preserving systems in contrary has been declining constantly. Therefore, intelligent solutions based on the knowledge of synergy between single raw materials are needed more than ever.

Verstatil® synacid represents such an intelligent solution. It combines the synergy of multifunctional organic acids together with salicylic acid. This blend does not only act against the standard germs but also exhibits proven efficacy against an extended set of identified problem causing microorganisms and even resistant house-germs. This raw material is easy to handle and ideal for application in surfactant based and aqueous product concepts. In emulsions, the combination with surface active antimicrobial boosting agents is recommended.

Booth no. F110

Refreshing Shower Power

L014-163.4-0216

Claims: Mild cleansing
Soft and smooth skin-feel provided by dermofeel quadegra

Phase	Ingredient	INCI (EU)	Supplier	%
A	Tap Water	Aqua		77.60
	dermofeel® PA-3a	Sodium Phytate; Aqua; Alcohol	Dr.Straetmans	0.10
	Ajidev NL 50	Aqua; Sodium PCA	Ajinomoto	1.00
	dermofeel® quadegra	Aqua; Starch Hydroxypropyltrimonium Chloride; Sodium Chloride; Lactic Acid; Sodium Lactate; Urea; Glycerin; P-Anisic Acid; Levulinic Acid	Dr.Straetmans	2.00
	Verstatil® synacida	Aqua; Glycerin; Sodium Levulinate; Sodium Salicylate; Sodium Anisate	Dr.Straetmans	2.50
B	Texapon N 70	Sodium Laureth Sulfate; Aqua	BASF	8.00
	Tego Betain F 50	Aqua; Cocamidopropyl Betaine	Evonik Industries	4.00
	dermofeel® G 10 LWa	Polyglyceryl-10 Laurate; Aqua; Citric Acid	Dr.Straetmans	4.50
	Perf. Facial Care 1 PN800968	Parfum	AFF	0.30
C	Citric Acid (sol. 20%)	Aqua; Citric Acid	diverse	0.00
	Sodium Chloride	Sodium Chloride	diverse	0.00
				100.00

Manufacturing Procedure:

1. Dissolve ingredients of phase A in given order.
2. Add ingredients of phase B in given order and under stirring to phase A. Mix until everything is completely dissolved.
3. Adjust pH-value and viscosity with phase C.

Specification Values:

Appearance: Clear viscous gel

pH-value: 5.2 - 5.4

Viscosity (Brookfield: TF; Speed 10 rpm): 3000 - 8000 mPas

Stability: More than 3 months stable at 20°C, 40°C and 4°C.

Microbiological Stability: Proven.

**Come and see us
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VERSTATIL® MPC

An innovative way to preserve with low levels of preservatives
INCI: Methylpropanediol; Phenoxyethanol; Caprylyl Glycol

Choosing a preservation system that fulfills nowadays requirements is a hard task for the formulator. It has to be suitable for the respected product type. It has to comply with economic restrictions. And finally – and most challenging – it has to be accepted by the increasingly critical consumer.

Anticipating the ongoing debate about phenoxyethanol, Verstatil MPC represents a solution for customers who desire to work with low levels of this ingredient, while still achieving a safe, reliable and economic preservation.

Verstatil MPC is a preservative blend of a known effective preservative and a multifunctional wetting agent, combined with an activity booster. This synergistic combination allows to preserve with very low overall levels of antimicrobial active substances. Additionally, the use level of Phenoxyethanol will be at 0.4-0.6 % in the final formulation, depending on the chosen dosage. The liquid material is easy to handle and applicable in all kinds of product concepts at unlimited pH levels.

Detox Serum

L079-6.3-0116

Claims: Detoxify the skin
Light skin feel

Phase	Ingredient	INCI (EU)	Supplier	%
A	Deionised Water	Aqua		84.80
	dermadé MPCt	Methylpropanediol; Phenoxyethanol; Caprylyl Glycol	Dr. Straetmans	2.00
	Glycerin 99.5%, Ph. Eur.	Glycerin	Cremer Oleo	5.00
A1	Keltrol CG-SFT	Xanthan Gum	CP Kelco	0.90
	Genusico CG 131	Carrageenan	CP Kelco	0.10
B	aeri I feel® GSct	Glyceryl Stearate Citrate	Dr. Straetmans	0.40
	Soybean Oil, refined, organic	Glycine Soja Oil	Henry Lamotte	0.50
	aeri I feel® sensolv	Isoamyl Laurate	Dr. Straetmans	0.50
	aeri I feel® MT 70 non GMot	Tocopherol; Helianthus Annuus Seed Oil	Dr. Straetmans	0.50
C	Perf. Deep Care E 1324485	Parfum	Mane	0.30
	Proteolea	Glycerin; Aqua; Levan; Decyl Glucoside; Olea Europaea Leaf Extract; Phenethyl Alcohol; Zizyphus Jujuba Seed Extract; Citric Acid; Ascorbic Acid	Rahn	1.00
	Radicare	Aqua; Melissa Officialis Leaf Extract; Disodium Rutinyl Disulfate; Hordeum Distichon Extract; Sodium Benzoate; Citric Acid	Rahn	1.00
	Ethanol organic denat.	Alcohol Denat.	diverse	3.00
				100.00

Manufacturing Procedure:

1. Heat phase A up to 75°C and disperse A1.
2. Heat phase B up to 78°C separately.
3. Add phase B into phase A1/A.
4. Cool down to 35°C and add phase C under slowly stirring. Adjust pH value to 5.30.

Specification Values:

Appearance: Light brownish emulsion
 Viscosity (Brookfield: TF; Speed 10 rpm): 10000 - 20000 mPaS
 pH-value: 5 - 5.5
 Centrifugation (4.000 rpm, 15 min.): No separation

Stability: More than 3 months stable at 20°C, 40°C and 4°C.

Microbiological Stability: Proven.

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 at In-Cosmetics
 2016
 Stand F110**



CHEERS! IT'S COCKTAIL TIME WITH SISTERNA SUCROSE ESTERS!

Sisterna introduces three new cocktail formulation ideas with sucrose esters at In-Cosmetics:



- **Tequila Sunrise** caring cream (main emulsifier concept)
Creating natural emulsions with a luxurious skin-feel is a challenging task. Sisterna® sucrose esters are excellent oil-in-water (O/W) emulsifiers. Furthermore Sisterna® sucrose esters provide an excellent touch as well as improve smoothness, emolliency and moisture level of the skin.
- **Gin Fizz** cleansing gel (gel-to-milk cleanser)
Sisterna® sucrose esters with high HLB values are recommended for the development of concentrated oil-in-glycerin (O/G) emulsions, with the aspect of an oil gel turning into milk when diluted with water upon use.
- **Strawberry Daiquiri** lip scrub (anhydrous scrub formulation)
As lipidic phase modifier, the special grade Sisterna A10E-C is the most suitable sucrose ester type to influence the rheological and sensorial properties of oils and natural butters

Sisterna® sucrose esters are a unique range of natural and edible emulsifiers with an exceptional performance and mildness. Furthermore, they improve smoothness, emolliency and moisture level of the skin. A wide range of products (HLB 0-16) opens opportunities to use sucrose esters in any kind of cosmetic application.

Try our cosmetic cocktails and visit us at our booth E30!

 **SISTERNA®**
For know-how in sucrose ester techniques

www.sisterna.com

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Stand E30**



STEPHENSON.
PERSONAL CARE

DUROSOFT® products:

DUROSOFT® PK-SG
o/w emulsifier
RSPO certified

DUROSOFT® SF
w/o emulsifier
Sunflower derived

STABLE IN BOTH OIL
AND WATER PHASE



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2016
Stand M120**



DUROSOFT®

Naturally Different™

NATURALLY DERIVED POLYGLYCEROL ESTER EMULSIFIERS

DUROSOFT® is a unique range of naturally derived Polyglyceryl-4 esters, using patent-pending technology to provide the widest HLB range for a greater stability profile. This helps cosmetics formulators meet key product performance and sustainability criteria by:

- Improving carbon footprint: reduces energy consumption
- Improving production throughput: cost savings
- Simpler, safer manufacturing process
- Enhancing brand image as a sustainable producer

DUROSOFT® offers exceptional product performance with a caring sensorial profile for a positive consumer experience.

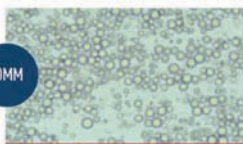
Advantages of formulating with **DUROSOFT®**:

- HLB range of 4-14
- Cold process
- Easy to use
- PEG free
- Skin friendly
- No co-emulsifiers required
- No heating / cooling required
- No deleterious effect on temperature-sensitive ingredients
- Stable water-thin emulsions easily achieved

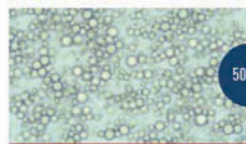
PREPARED USING DUROSOFT®

MICROSCOPY OF WATER-THIN EMULSIONS

After preparation:



After 4 weeks:



These images demonstrate the ability of **DUROSOFT®** to produce water-thin emulsions. It can be seen that after four weeks the oil in water-emulsion structure has not deteriorated and remains stable.

SYMRISE AMAZON COLLECTION

The Amazon rainforest is one of the world's greatest natural resources. For centuries many of its trees and plants have been used by the local population. The sustainable use of these resources is becoming even more important and for Symrise, as a member of UEBT, biodiversity conservation is a key pillar of our corporate strategy.

With its Amazon project Symrise has developed the **'Amazonian Collection'** based on the traditional knowledge and use of the individual oils and butters. From the famous Cacao butter to the exciting Andiroba oil, these high-quality oils and butters are known to have multiple cosmetic benefits and they are able to enhance the sensorial feeling for a unique caring experience!

Even better, all is based on a sustainable partnership of Symrise with local communities providing harvesters and their families access to better health and quality of life by promoting the economic and social development of the region.



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TOTAL: DESIGNING HIGH PURITY ALKANES

TOTAL FLUIDS produces and markets fluids based on alkanes for Personal Care. These fluids can be used in all cosmetic products as an oil, solvent, dispersant or emollient. Thanks to the unique technology, TOTAL Fluids can propose these emollients, which are characterized by an extreme purity.

TOTAL FLUIDS is a worldwide company with a large manufacturing capacity. TOTAL FLUIDS can meet the most stringent requirements of our customers all around the world with an incomparable quality of service.

TOTAL FLUIDS produces Specialty Alkanes which are classified as readily biodegradable. The product range offers a variety of sensorial properties allowing all type of formulation.

The range is now extended to Natural Alkanes derived from plants. Biodegradable and stable, these revolutionary products will achieve formulations in the air.

Discover Total Fluids technology on our Booth P71.

Benjamin Swoboda
Market Manager
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92069 Paris La defense
Cedex- FRANCE
special.fluids@total.com
www.totalspecialfluids.com

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Stand P71**



DRENCHING SKIN + HAIR IN NATURAL JOJOBA GOODNESS

Desert Whale Jojoba Milk is an innovative, white, low viscosity liquid with a lightweight elegant feel. It is made using ultrasonic cavitation, an advanced technology which combines high shear with a carefully selected plant-based phospholipid plus natural **Desert Whale Jojoba Oil**. *In-vitro* genomic analysis shows that key genes responsible for keratinocyte differentiation were up-regulated in cultures containing our selected phospholipid versus cultures without.

Thanks to this process and choice of lipids a unique, stable oil-in-water emulsion structure is created with tiny jojoba oil droplets in the range of 10–400nm – significantly smaller than those found in standard emulsions. **Desert Whale Jojoba Milk** has a thin, milky consistency and conditioning benefits for skin + hair.



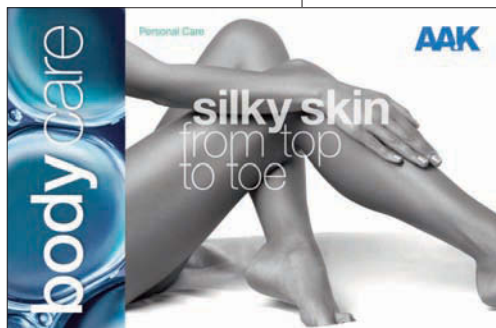
150 Mount Bethel Rd
Warren, NJ 07059
T: +1 973 345 8600
W: www.lipochemicals.com

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NATURAL AND SUSTAINABLE INGREDIENTS FOR BODY CARE FORMULATIONS THAT RESULT IN SOFT AND SILKY SKIN



Everybody needs body care and every body and age has its own special needs.

Our natural and sustainable ingredients bring protection, nourishment and indulgence. They provide long-lasting moisturisation as well as smooth and replenishing hydration and they enable you to create safe and stable formulations for every need.

Lipex SheaLight™ is a feather-light shea butter based emollient. It is a good starting point for creating light formulations for body lotions for sensitive and ageing skin and leaves a unique powdery, silky effect.

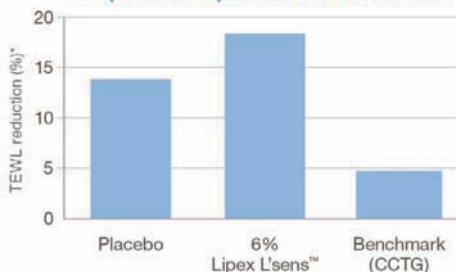
Lipex Bassol C™ is a clear liquid oil for improving skin feel. It helps maintain moisturisation and skin health especially for delicate soft infant skin and demanding mature skin.

Lipex L'sens™ is a plant based, soft emollient that helps improve texture in creams and lotions leaving the skin moist, silky and smooth. The good safety profile and high stability enable long shelf life formulations.

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**Lipex L'sens improves the skin barrier
compared with placebo and benchmark**



In vivo moisturisation study shows that the optimum concentration of Lipex L'sens is around 6%.

* TEWL reduction versus untreated skin 4 hours after application.



Azelis – Set the Trends!

Active in all areas of Personal Care

- Unique products and services
- Formulation & innovation centres
- Fragrance evaluation centres
- Technical expertise
- Concepts and trends
- Offices in Europe, North America, Asia Pacific & Africa

Our expert teams connect ingredient solutions with market trends and business know-how

Discover leading edge ingredients from first class manufacturers, trend busting formulations and solutions to product development & improvement projects.

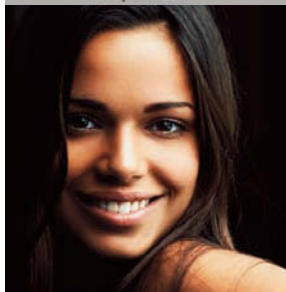
Visit Azelis on **stand H60** to find out more!

See our Innovation seminar with Penreco on 12/04/16 at 12:40, Theatre 3

www.azelis.com · personalcare@azelis.com



Creating value, growing together



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2016
Stand G-50**



CHIAPROTECT

CHIAPROTECT for skin care, is a cold pressured Extra Virgin botanical oil extracted from *Salvia hispanica* seeds growing in the Amazon forests.

For centuries the ancient indigenous Inca and Mayan civilizations of South America knew about the incredible therapeutic benefits of Chía.

Considered a Superfood for the skin, **CHIAPROTECT** is a powerful source of antioxidants: *Phytosterols, Flavonoids and Phenolic acids; Tocopherols (vitamin E, especially γ -Tocopherol)* and Poly-phenols: *Myricetin, Caffeic acid, Kaempferol and Quercetin.*

The prevalence of skin diseases is increasingly growing: Allergic diseases, atopic dermatitis, itching, discomfort, sensible skin.

Loaded with very high levels of PUFA's: 60% Omega-3, and 20% Omega-6, **CHIAPROTECT** helps calming itching and **skin discomfort** because of its high anti-inflammatory effect (Clinically proven):

- **Calms itching sensations:** -28% Immediate calming effect
- **Soothes redness and irritation:** -28,5% Anti-redness effect
- **Restores the skin barrier function:** -20% TEWL
- **Improves skin elasticity:** +15% improvement

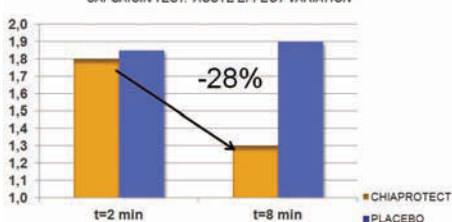
FORMULATION GUIDE: CALMING - ANTI-ITCHING MOISTURIZING CREAM

PHASE	RAW MATERIAL	%	SUPPLIER
1	DEMINERALISED WATER	83,15	BONDERALIA
	DISODIUM EDTA	0,20	...
	DERMOSOFT OMP	3,00	DR STRAETMANS
2	MONTANOV 68	5,00	SEPPIC
	LANETTE 16	2,00	BASF
	ESTEARIN	2,00	...
	CHIAPROTECT	4,00	COBIOSEA
	COVI-OX T70C	0,20	BASF
3	NaOH 1N	0,45	...

Manufacturing Process

- Heat phase 1 at 75 - 80 C
- Heat Phase 2 at 75-80 C
- Add Phase 2 to Phase 1 and mix well under turbine
- Cold down to 40 C. Stir
- Adjust final pH with phase 3 if necessary

IMMEDIATE CALMING & ANTI-ITCHING EFFECT



SENS'FLOWER®, THE PERFECT SOLUTION FOR HYPERSENSITIVE SKINS

Redness, burning sensation, stinging and altered skin barrier will be a distant memory thanks to the soothing active ingredient designed by ID bio from saffron flower.

Sens'flower® is a soothing active that will minimize the unpleasant skin sensations such as irritation, stinging or redness. This eco-friendly active, Sens'flower®, is issued from fresh saffron flowers (INCI : Crocus Sativus Flower Extract) collected on French organic plots. The local suppliers have been selected with utmost care to create a secured sourcing network across the national territory.

The R&D team of the company has worked to obtain an efficient answer with a biotechnological process, specially designed to extract molecules of interest. The beneficial actions have been validated with various studies:

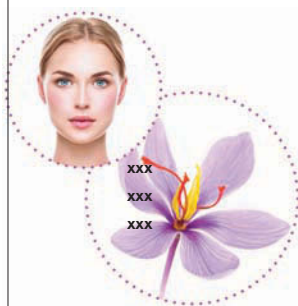
- Skin barrier and NMF are reinforced (stimulation of profilaggrin expression and antilipoperoxidant effect)
- Redness is attenuated (reduction of inflammatory response via the inhibitory effect of NF-KB activation)
- Cutaneous discomfort sensation is decreased (antagonistic activity on TRPV-1)

Soothing saffron flower emulsion for sensitive skins

Phases	Ingredient	INCI	%
A	Water	Aqua	QS 100
	Natriquest E30 ²	Trisodium Ethylenediamine Disuccinate	0,1
	Biophilic S ³	Hydrogenated Lecithin (and) C12-16 Alcohols (and) Palmitic Acid	4
	Biophilic H ³	Hydrogenated Lecithin (and) C12-16 Alcohols (and) Palmitic Acid	1
	Aristoflex Avc ⁴	Ammonium Acryloyldimethyltaurate/VP Copolymer	0,6
B	Glycerin	Glycerin	3
	Makimousse 12 ⁵	Sodium Polyacrylate Starch	0,4
	Tegosoft Oer ⁶	Oleyl Erucate	2,75
C	Sens'flower® ¹	Aqua (and) Propanediol (and) Crocus Sativus Flower Extract (and) Sodium Benzoate (and) Potassium Sorbate	4 %
D	Citric Acid	Citric Acid	QSP pH 5,5

¹ID bio ²Innospec ³IFF-Lucas Meyer ⁴Clariant ⁵Kobo Products ⁶Evonik
Preservative : QS in phase C

ID bio



Want more on the story of this product or about its precise cutaneous action?

Visit our stand P81 at In-Cosmetics Paris or contact us directly.

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87068 LIMOGES Cedex
France
info@idbio.eu
www.idbio.eu

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Specialists in plant cell cultivation



PLANT STEM CELL EXTRACTS THAT FULFIL YOUR DREAMS

In vitro Plant-tech believes in the strength and power of nature and that everyone should have access to innovative high quality natural skin care ingredients. We therefore select the most potent plants for our extracts, with the purpose to nurture and improve appearance and well-being of individuals.

Since our nature should last for future generations our production is based on a sustainable plant cell cultivation platform. We offer our own cell lines and provide contract development and manufacturing services. We embrace the challenge it takes to develop new innovative products for our clients. In order to maximise production of active substances we have developed the metabolite enhancement technology (MET). Using MET we optimise the cultivation and induction of secondary metabolites in a multi-step optimisation process.

- High quality plant stem cell extracts
- Science-based plant selection
- Sustainable cultivation
- Cultivated in controlled conditions
- Full traceability
- Maximum accumulation of bioactive compounds
- Metabolite enhancement technology (MET)

Our Plant Stem Cell Extracts

Roseroot (*Rhodiola rosea*)
Milk thistle (*Silybum marianum*)
Greater plantain (*Plantago major*)
Client exclusive extracts

In vitro Plant-tech

Anna Holefors PhD, CEO
holefors@invitroplanttech.se
+46 705 870 682
www.invitroplanttech.se

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in Paris
12-14 April 2016



SymUrban[®], A NEW SKIN DEFENSE STRATEGY

As a leading supplier of innovative solutions for sensitive skin and UV protection, Symrise devotes special attention to the preservation of skin balance in aggressive environments. As megalopolis spread all over the world, adapting to the urban environment becomes a priority. After a 5-year research program, Symrise is bringing a completely novel addition to the anti-pollution cosmetic arsenal and widens the skin protection spectrum.

SymUrban[®], A NEW SKIN DEFENSE STRATEGY

As consumer awareness regarding the direct effects of atmospheric pollution on their skin has been growing every year around the world, the protection solutions available in the industry have been limited to anti-oxidant strategies and skin coating polymers. Whereas the first ones ignore the specific pathways of PM and PAHs, the second ones are not 100% PM proof. Now Symrise is bringing a genuine game changer.

SymUrban[®], is the first cosmetic ingredient capable of neutralizing the disruptive effects of particulate pollution (PM) and polyaromatic hydrocarbons (PAHs).



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Stand J60**



Designing **High purity alkanes**



**A unique
technology**

**Innovative
developments**

**Large
manufacturing
capabilities**

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biochemistry



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RoyalEpigen P5

Rejuvenation through epigenetic science

- Accelerates epidermal regeneration for smoother skin
- Activates the cellular cleaning process
- Reveals a more evenly toned skin